

Notice of Allowability

Application No.

09/600,429

Examiner

Thong H Vu

Applicant(s)

KURITA ET AL.

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/19/04.
2. ☒ The allowed claim(s) is/are 22,28-30,32,34 and 35.
3. ☒ The drawings filed on 12 July 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 7/14/04
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Reason for allowance

The following is an examiner's statement of reasons for allowance:

1. Claims 22 is allowable because the prior art of record did not teach or reasonably suggest a method for relaying, at a mobile packet communication network, application data between a mobile station and a content provider server, comprising the steps of:

in response to receipt of a packet communication registration request from the mobile station, identifying the mobile station based on an originator ID of the mobile station included in the packet communication registration request;

if the mobile station is successfully identified, establishing, without performing either an LCP negotiation or an IPCP negotiation, a packet communication link between the mobile station and the mobile packet communication network, which implements packet communications between the mobile station and the mobile packet communication network, wherein headers added to the application data through the packet communication link dispense with an packet protocol identifier and IP addresses of the mobile station and the content provider server;

establishing, over the packet communication link, logical communication connections between the mobile station and the mobile communication network in response to receipt from the mobile station of a connection setup request that includes a URL of the content provider server in a data field thereof, wherein a header added to the application data through the logical communication connection comprises a logical number that identifies the logical communication connection and dispenses with port identifiers of the mobile station and the content provider server;

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establishing a TCP/IP connection with the content provider server;
receiving the application data from the content provider through the TCP/IP connection, and sending the received application data to the mobile station through the packet communication link and the logical communication connection.

This functionality is supported by the specification pages 34-41, Fig -2.

2. Claim 28-29,32,34,35 depend on claim 22 and are considered allowable on the same basis as the independent claim as well as for the further limitations set forth.
4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Thong Vu
Patent Examiner
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